

Fig. 1

Fig. 2

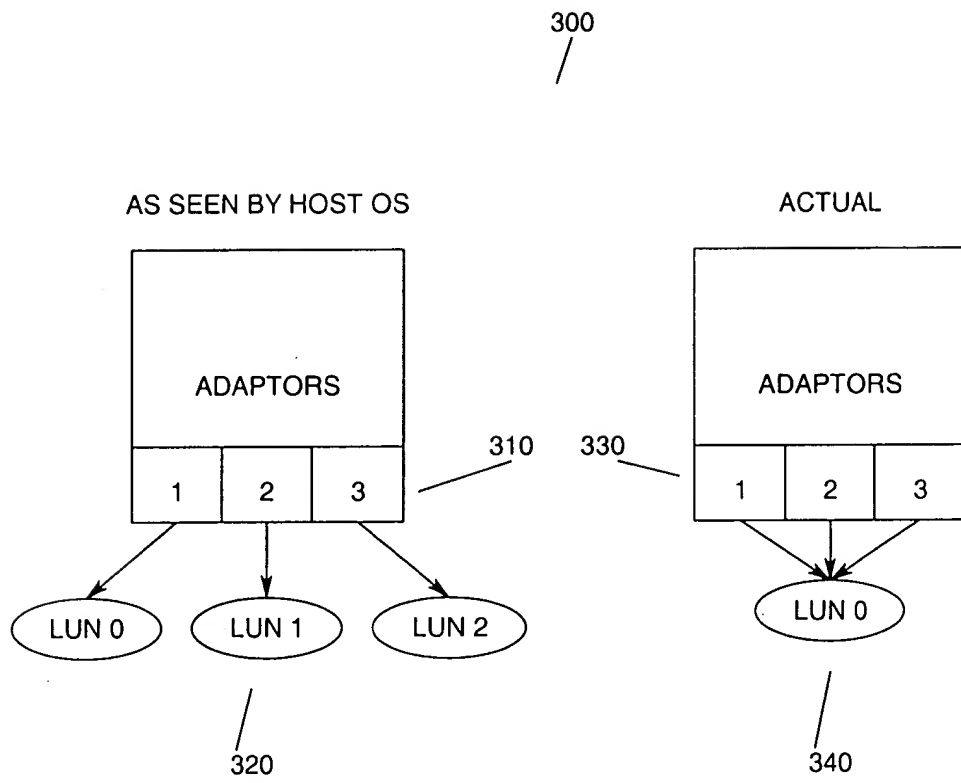


Fig. 3

[illegible]

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graph TD
    500[START] --> 510[WHEN CONFIGURING, EACH UNDERPATHS WILL REGISTERED WITH THE LUN.]
    510 --> 512{SUCCESS?}
    512 -- No --> 514[SET REGISTER FIELD TO FALSE]
    512 -- Yes --> 540[SET REGISTER FIELD TO TRUE]
    514 --> 520[AT OPEN TIME ALL PATHS REGISTER AGAIN WITH REGISTER & IGNORE EXISTING KEY]
    520 --> 522[AFTER FAILURE HAPPENS, THE TAKEOVER HOST ISSUES A FORCED OPEN TO CAUSE THE SDD TO ISSUE A PERSISTENT RESERVE OUT WITH PREEMPT AND ABOUT SERVICE OPTION]
    540 --> 550[END]
    522 --> 550

```

Fig. 5

Abstract

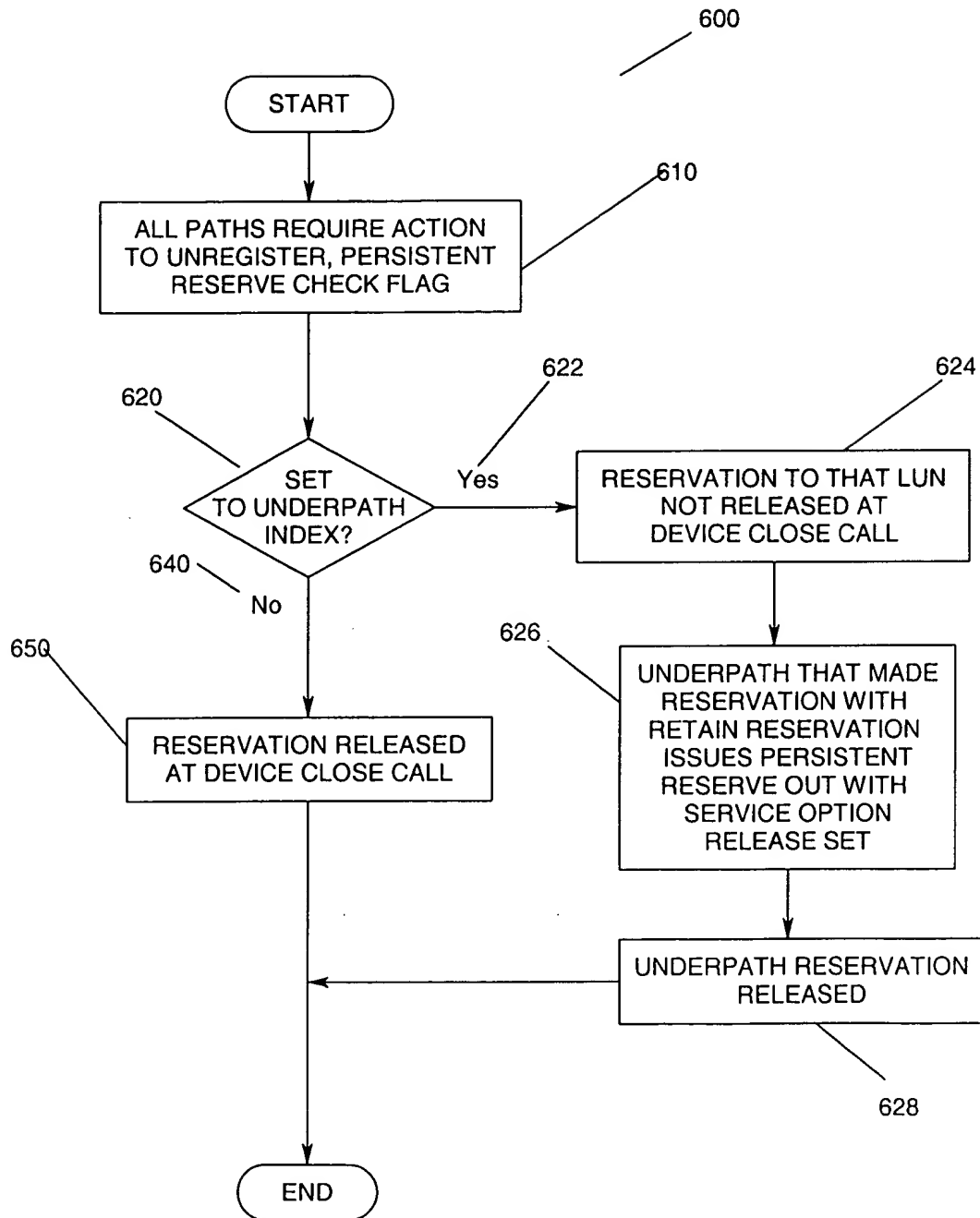


Fig. 6

SECRET

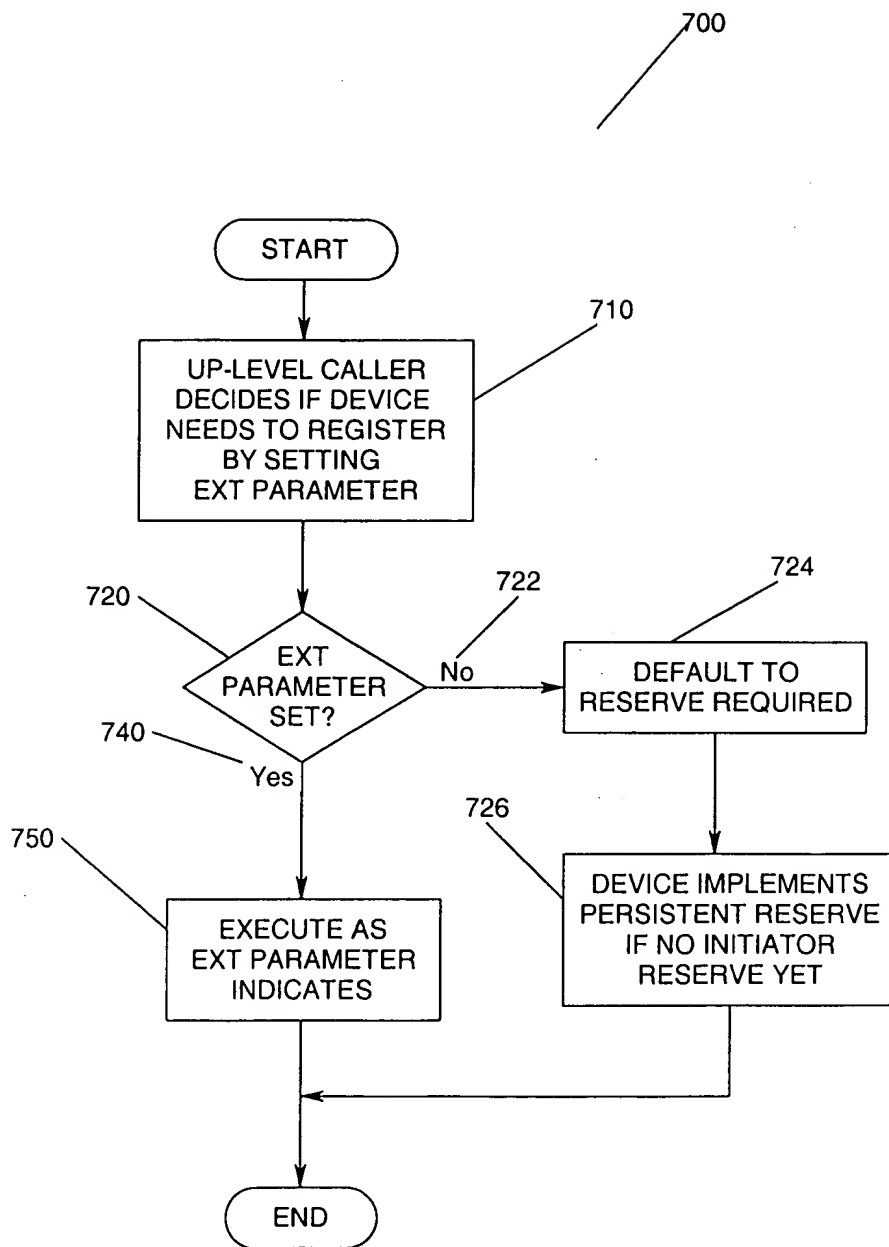


Fig. 7

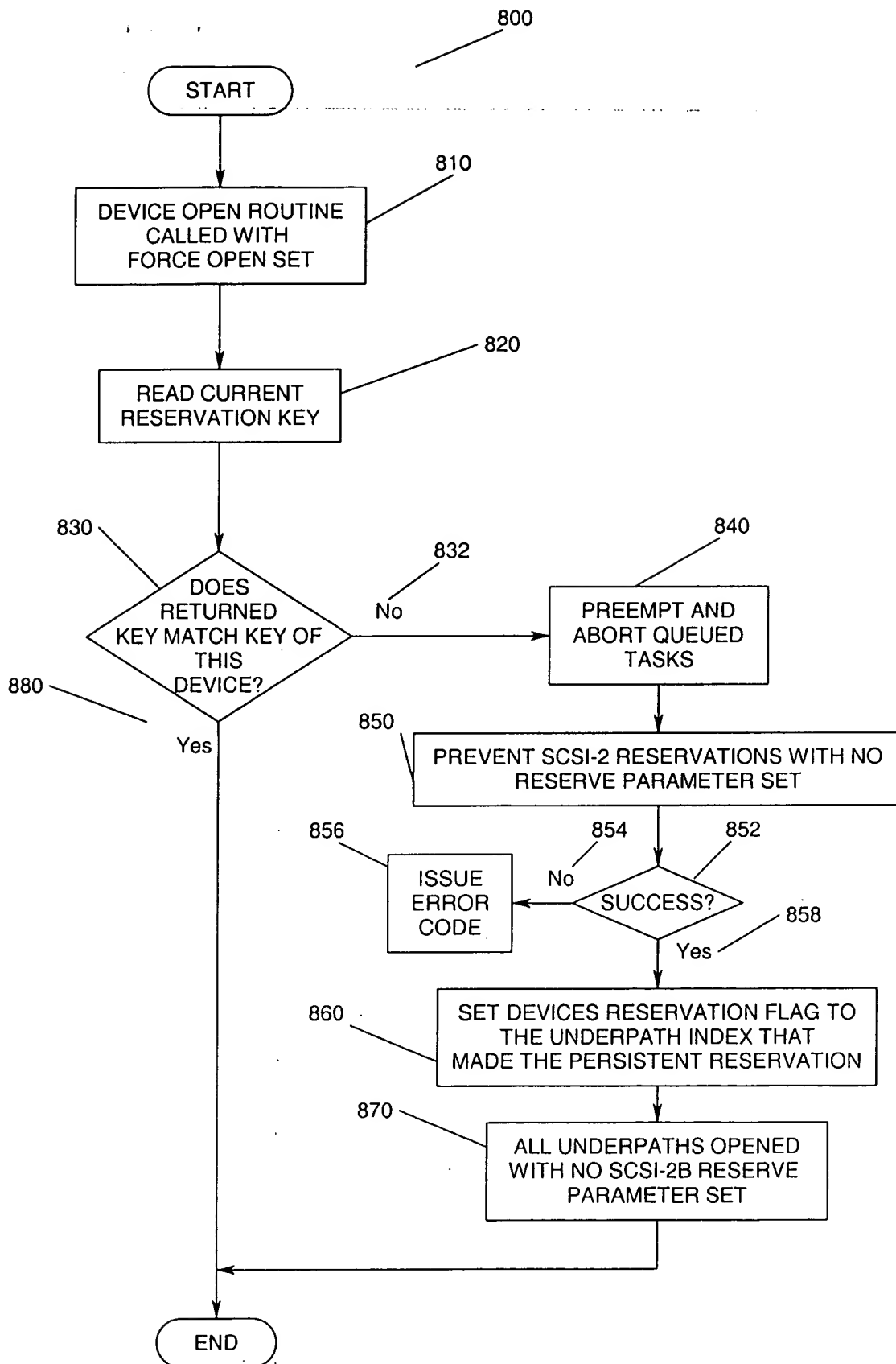
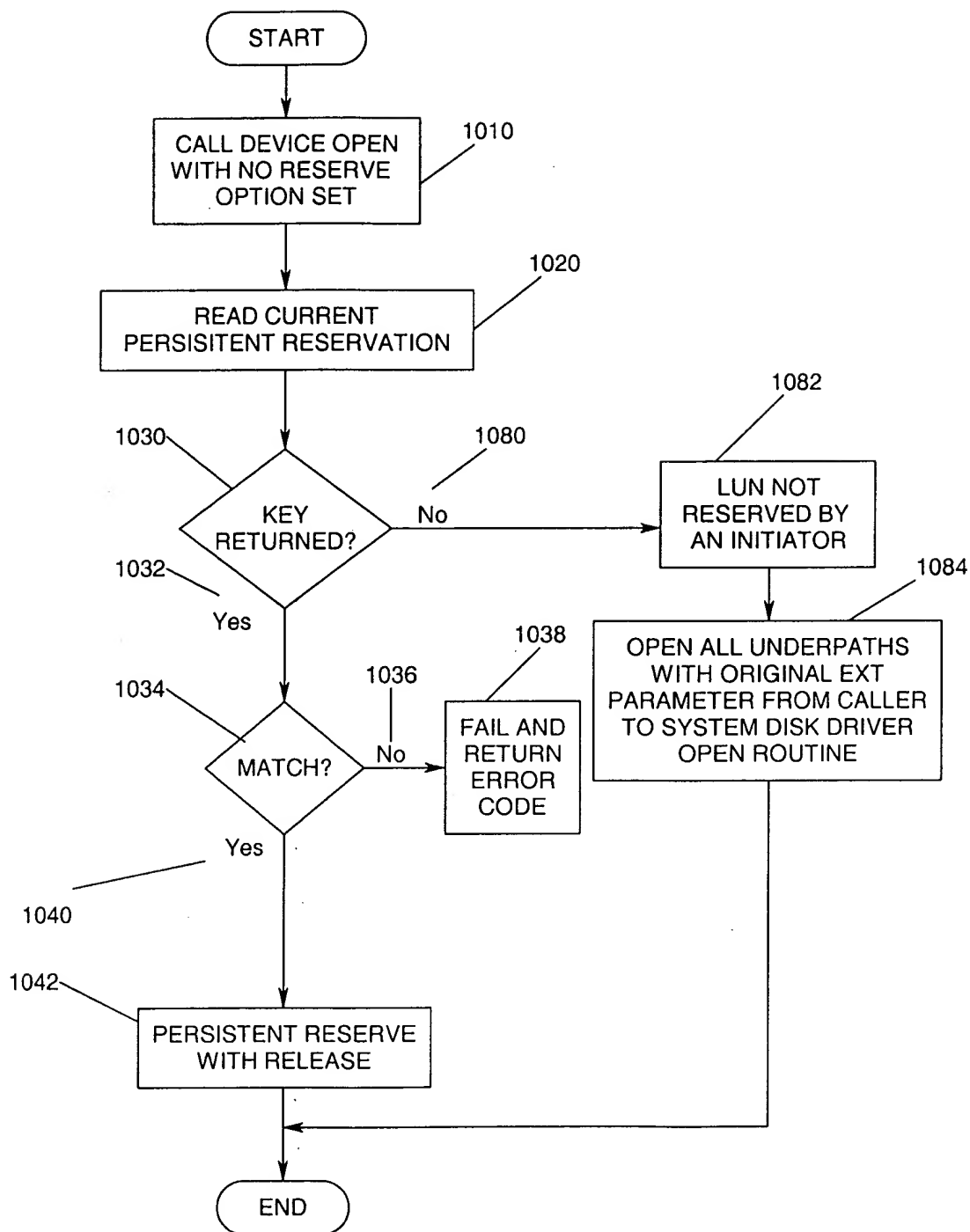
[illegible]

Fig. 8





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graph TD
    1100([START]) --> 1110[CHECK ALL UNDERPATHS]
    1110 --> 1130[READ KEY]
    1130 --> 1144{KEY RETURNED?}
    1144 -- No 1144 --> 1150[SELECT A REGISTERED UNDERPATH]
    1144 -- Yes 1132 --> 1133{MATCH?}
    1133 -- No 1136 --> 1138[FAIL]
    1133 -- Yes 1134 --> 1140[ALL REGISTERED UNDERPATHS  
OPENED WITH NO SCSI-2 RESERVE SET]
    1150 --> 1152[ISSUE PERSISTENT RESERVE OUT WITH RESERVE]
    1152 --> 1154{SUCCESS?}
    1154 -- No 1156 --> 1158[SET STATE FOR THE PATH TO DEAD]
    1158 --> 1150
    1154 -- Yes 1160 --> 1170[MARK RESERVE FIELD WITH UNDERPATH INDEX  
THAT MADE RESERVATION]
    1170 --> 1180[OPEN ALL REGISTERED UNDERPATHS WITH  
EXT PARAMATER SET TO NO SCSI-2 RESERVE]
    1140 --> 1180
    1180 --> END([END])

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Fig. 11

DOE-TOT-SEC-28960

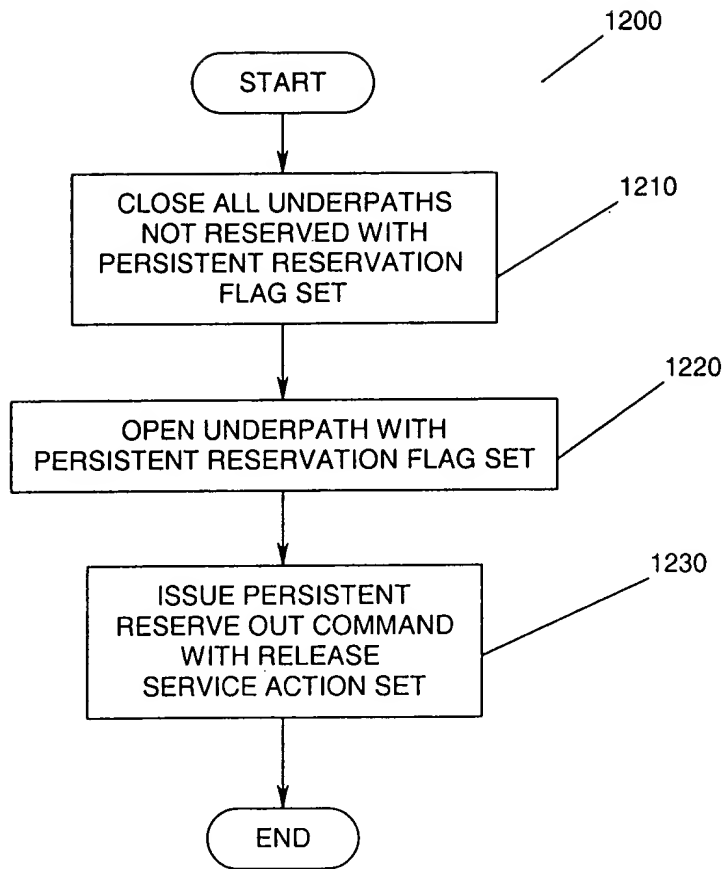


Fig. 12